SEMESTER END EXAMINATION, APRIL-MAY, 2026

Course Name: - B.tech **Semester:- 8th**

Paper Name: - Disaster Management **Paper Code:- TOE-081**

Time - 3Hrs + 20 minutes per hour extra time for V.I. & examinees with writer. **Max Marks-70**

Instructions:

- The question paper consists of three sections namely A, B, C. All sections are compulsory.
- Section A- Each question carries **3 mark. All questions are compulsory.**
- Section B- Answer any **5 out of 7** given questions. Each question carries **7 marks.**
- SectionC- Answer any **2 out of 3** given questions. Each question carries **10 marks.**

Section – A
Objective Questions

1. Answer all the following questions. **5x3 =15**

i) Which of the following is considers as the probability and possibility of harmful consequences?

a) Capacity b) Vulnerability

c) Hazard d) Risk

ii) The Richter scale expresses an earthquakes:

a) Location b) Duration

c) Magnitude d) Intensity

iii) Which of the following is not an atmospheric hazard?

a) Hail b) Epidemic in human

c) Heavy rainfall d) Drought

iv) Which of the following is a slow-onset disaster?

a) Earthquake b) Tsunami

c) Drought d) Explosion

v) Who heads the National Disaster Management Authority (NDMA) in India

a) Prime Minister b) President

c) Governor of States d) Home Minister

Section – B
Short Answer Questions

2. Answer any five of the following questions. **5x7=35**

i. What is vulnerability and risk in Disaster Management.

ii. Discuss the disaster impacts in brief.

iii. What are the types, effects, and conservation methods of soil erosion?

iv. Discuss the global trends in disaster taking example of climate change. What are the general counter measures to control climate change?

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v. Explain the phases of Disaster management cycle?

vi. Illustrate the process of early warning system used for the different disaster.

vii. What are the dual impacts of dams development on the humans and environment?

Section – C
Descriptive Questions

3. Answer any two of the following question. **2x10=20**

i) Discuss in detail the roles of Central government in Disaster management?

ii) What do you understand by tropical cyclone? Explain its causes of development and mitigation measures.

iii) Explain in brief about the National Disaster Management Authority (NDMA).

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